

PATENT ABSTRACTS OF JAPAN

(11)Publication number : **04-257450**

(43)Date of publication of application : **11.09.1992**

(51)Int.Cl.

B41J 2/16

B41J 2/05

(21)Application number : **03-019088**

(71)Applicant : **SHARP CORP**

(22)Date of filing : 13.02.1991

(72)Inventor : FURUBAYASHI

HISATOSHI

UDA KAZUTAKA

(54) INK-JET PRINTER HEAD AND ITS MANUFACTURE

(57)Abstract:

PURPOSE: To increase the response speed and reduce the power consumption by a method wherein heat is prevented from being transferred from a heater, the heat capacity of the heater is made small.

CONSTITUTION: A heater is suspended above a base plate. The heater is built in a microbridge or a microcantilever construction by utilizing crystal axis anisotropic etching of silicon. Thereby, an ink jet printer that is capable of printing at a high speed and is convenient as a potable type can be offered. And, the heater can be easily and accurately built.

